

Converting Colors

YUV(83.3480, -4.6086, -15.2142)

Have a look what the booklet for
YUV(83.3480, -4.6086, -15.2142)
contains.

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Color

**YUV(83.3480, -4.6086,
-15.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	425E4A
RGB	66, 94, 74
RGB Percent	26%, 37%, 29%
CMY	0.7412, 0.6314, 0.7098
CMYK	0.30, 0.00, 0.21, 0.63
HSL	137°, 18%, 31%
HSV	137°, 30%, 37%
XYZ	7.4855, 9.6581, 7.9482
YIQ	83.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

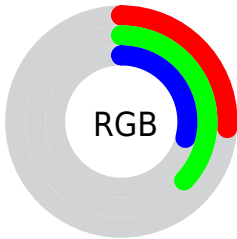
Format	Color
RYB	66, 88, 94
Decimal	4349514
CIELab	37.22, -15.08, 8.18
CIELCh	37, 17.156, 151.541
Yxy	9.6581, 0.2983, 0.3849
Android (android.graphics.Color)	4282539594 (0xFF425E4A)
YUV	83.3480, -4.6086, -15.2142
Hunter-Lab	31.0774, -11.3909, 6.5904

Details

The YUV color **83.3480, -4.6086, -15.2142** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76.6520, 4.6086, 15.2142**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5220, -5.1873, -16.2438**, and **37.8750, -3.8824, -14.7994** is the 20% darker color. If you saturate the color by 10%, you get **79.8590, -6.3395, -20.0473**, and if you desaturate by 10%, it is **86.8370, -2.8776, -10.3810**.

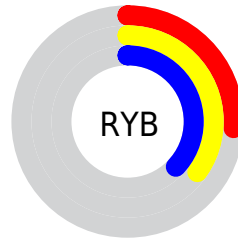
Distribution



Red (26%)

Green (37%)

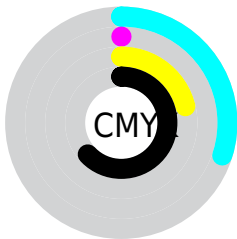
Blue (29%)



Red (26%)

Yellow (35%)

Blue (37%)

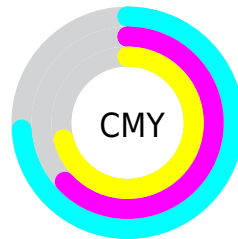


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (63%)



Cyan (74%)

Magenta (63%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3480, -4.6086, -15.2142 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 83.3480, -4.6086, -15.2142 by changing the saturation by 10% instead.

■ 83.3480, -4.6086,
-15.2142

■ 83.3480, -4.6086,
-15.2142

■ 255.0000, 0.0000,
0.0000

■ 59.7610, -4.3192,
-14.6994

■ 133.5220, -5.1873,
-16.2438

■ 37.8750, -3.8824,
-14.7994

■ 159.1090, -5.4767,
-16.7586

■ 17.1200, -5.4822,
-15.0142

■ 186.1090, -5.4767,
-16.7586

■ 0.0000, 0.0000,
0.0000

■ 213.8100, -5.3293,
-17.3734

■ 242.3970, -5.6187,
-17.8882

■ 253.8040, 0.5896,

-2.4591

■ 83.3480, -4.6086,
-15.2142

■ 83.3480, -4.6086,
-15.2142

■ 79.8590, -6.3395,
-20.0473

■ 86.8370, -2.8776,
-10.3810

■ 76.1850, -7.4862,
-25.5952

■ 90.5110, -1.7309,
-4.8331

■ 72.6960, -9.2171,
-30.4284

■ 94.0000, 0.0000,
0.0000

■ 68.9080, -10.8006,
-35.8763

■ 97.7880, 1.5835,
5.4479

■ 65.4190, -12.5316,
-40.7095

■ 101.2770, 3.3144,
10.2811

■ 62.0440, -13.8257,
-45.6426

■ 104.6520, 4.6086,
15.2142

■ 58.2560, -15.4092,
-51.0905

■ 108.4400, 6.1921,
20.6621

■ 111.9290, 7.9230,
25.4953

■ 115.6030, 9.0697,
31.0432

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2310, -10.4669, -2.8336



83.3480, -4.6086, -15.2142



81.3450, 3.2809, -25.7356

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3480, -4.6086, -15.2142



86.5820, 14.0101, -13.6654



89.1940, -7.4906, 22.6319

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83.3480, -4.6086, -15.2142



76.6520, 4.6086, 15.2142

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.2030, -1.0861, 21.7470



83.3480, -4.6086, -15.2142



89.1710, 10.7617, 1.6040

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3480, -4.6086, -15.2142



83.0920, 13.7586, -26.3907



89.5810, 5.6296, 14.3995



87.7220, -11.6949, 17.7838

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3480, -4.6086, -15.2142



80.5770, 8.0965, -30.3240



89.5810, 5.6296, 14.3995



89.3620, -5.6015, 23.3615

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83.3480, -4.6086, -15.2142



117.9130, -1.4361, -6.0627



88.4160, -11.0511, -2.1188



58.3370, -1.1521, -3.8035



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3480, -4.6086, -15.2142



105.3100, -7.0548, -23.9509



84.9440, 1.5066, -16.6139



44.1630, -0.5734, -2.7740



68.1040, -18.2923, -59.7272



146.8710, -38.8834, -128.8059

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.6520, 4.6086, 15.2142



94.8040, 7.4916, 23.8509



75.0560, -1.5066, 16.6139



42.9510, 1.0102, 2.6740



41.7820, 17.8555, 59.8272



90.1290, 38.8834, 128.8059

Previews

White Background



This preview shows how the YUV color 83.3480, -4.6086, -15.2142 looks on a white background.

Color Contrast Check

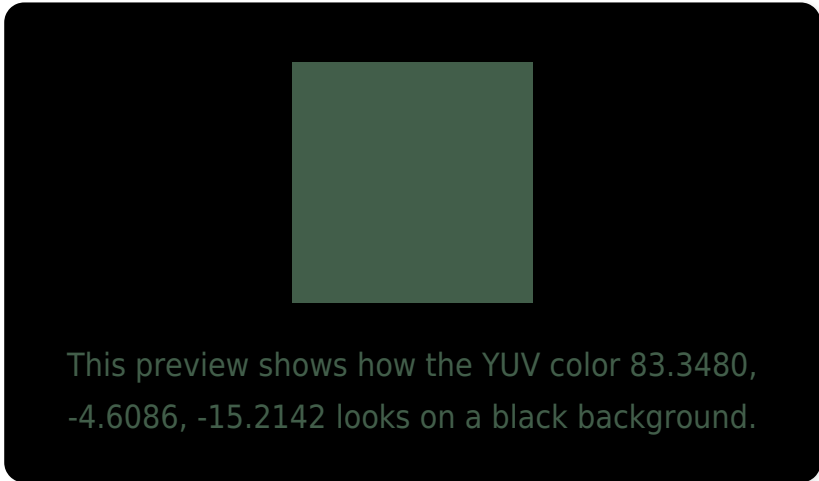
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

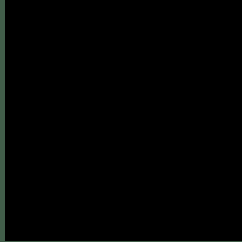
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.3480, -4.6086, -15.2142

Background



This preview shows how black text looks on a background with the YUV color 83.3480, -4.6086, -15.2142.



This preview shows how white text looks on a background with the YUV color 83.3480, -4.6086, -15.2142.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.3480, -4.6086, -15.2142

Protanopia

86.9700, -7.8732, 5.2883

Deuteranopia

87.8720, -5.8529, 10.6363



Tritanopia

85.8180, 6.0057, -12.9954

Trichromacy



Original Color

83.3480, -4.6086, -15.2142

Protanomaly

85.8550, -6.8305, -2.5038

Deuteranomaly

86.5180, -5.6784, 1.2997

Tritanomaly

84.7810, 2.0800, -13.8399

Monochromacy



Original Color

83.3480, -4.6086, -15.2142

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2120, -1.5835, -5.4479

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3480, -4.6086, -15.2142 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(66, 94, 74)` looks like.

```
.text, #text, p{  
    color:rgb(66, 94, 74)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(66, 94, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 94, 74) }
```

Border

The CSS property to change the border of an element to YUV 83.3480, -4.6086, -15.2142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(66, 94, 74) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(66, 94, 74) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(66, 94, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 94, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 94, 74);  
box-shadow:4px 4px 4px 4px rgb(66, 94, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.3480, -4.6086, -15.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 94, 74) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(66, 94,  
74) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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